## LIST OF TABLES

BACKGROUND INFORI	<u>MATION</u>	<u>je</u>
Table 1	Patrol Officer Duties and Task Groups (1979)	25
Table 2	Patrol Officer Physical Job Demands (1985)	26
Table 3	Patrol Officer Rates of Critical Physical Activities by Type of Activity (1992)	27
Table 4	Entry-Level Uniformed Job Analysis (1998)	28
Table 5	Environmental Factors and Working Conditions That Can Be Associated With Patrol Officer Job Duties	30
MEDICAL EXAMINATIO	N AND EVALUATION PROTOCOLS	
CHAPTER I: <u>Cardi</u>	ovascular System	
Table I-1	New York Heart Association Cardiovascular Classification System, Functional Classification	-4
Table I-2	New York Heart Association Cardiovascular Classification System, Therapeutic Classification	-4
Table I-3	Relationship of METS and Functional Class According to 5 Treadmill Protocols	-7
CHAPTER II: <u>Dern</u>	natology	
Table II-1	Description of Primary Skin Lesions	-3
CHAPTER III: End	ocrine System	
Table III-1	Risk of a Recurrent Major Hypoglycemic Event After an Initial Occurence	8
Table III-2	Number of Prospectively Observed Hypoglycemic Episodes (39-55 mg%) Per Person Per Month by Risk Category and Type of Diabetes	-8

	<u>Page</u>
CHAPTER VI: Or	ncology
Table VI-1	Toxicity of Anticancer Drugs and Hormones VI-3
Table VI-2	Recommendations for Supplemental Testing of Candidates Who Are at Risk of Delayed Toxicity from Selected Anticancer Drugs VI-5
Table VI-3	Age-Adjusted SEER/5 - Year Survival Rates VI-6
CHAPTER VII: <u>In</u>	fectious Diseases
Table VII-1	1992 Revised CDC HIV Classification System and Expanded AIDS Surveillance Definition for Adolescents and Adults VII- 6
Table VII-2	Recent Studies of Survival After Diagnosis of AIDS VII- 7
Table VII-3	Risk of Hepatitis B Infection After Exposure to HBeAg+/HBeAb- Blood Without Post-Exposure Prophylaxis VII-12
Table VII-4	Assessment of the Maximal Annual Risk of Substantial Harm to a Suspect Due to the Employment of an Applicant Who is a Chronic HBV or HCV Carrier VII-13
Table VII-5	Rate of HBV Infection Following HBIG Post-Exposure Prophylaxis VII-14
CHAPTER VIII: M	lusculoskeletal System
Table VIII-1	Post-Operative Complaints in Patients Who Are Treated by Meniscectomy VIII-21
Table VIII-2	Specific Task Performance (Percentage) in ACL-Disrupted Patients, 5 Years Since Injury VIII-30
Table VIII-3	Pain, Swelling, and Giving Way in Chronic ACL Patients During Activities of Daily Living VIII-31
Table VIII-4	Sports Activity in Patients with Nonoperative Treatment of Isolated ACL Injuries VIII-32
Table VIII-5	Summary of ACL Repair Studies VIII-34
Table VIII-6	Use of >5 mm Side-to-Side Difference on KT-1000 to Distinguish Between "Copers" and "Non-Copers" Following ACL Rupture VIII-40

	<u>Page</u>
Table VIII-7	Use of >7.5 mm Side-to-Side Difference on KT-1000 to Distinguish Between "Copers" and "Non-Copers" Following ACL Rupture (Maximum Manual Force) VIII-40
Table VIII-8	Limb Symmetry in One-Legged Hop Testing of Normal Patients VIII-42
Table VIII-9	Development of Instability vs. Time VIII-43
Table VIII-10	Partial ACL Tears VIII-45
Table VIII-11	Classification of Acromioclavicular Injuries VIII-48
Table VIII-12	Percent of Patients Who Experience at Least One Recurrence of Anterior Dislocation by Age and Years of Follow-Up
Table VIII-13	Percent of Patients Who Experience at Least One Recurrence of Anterior Dislocation or Subjective Instability by Age and Years of Follow-Up
Table VIII-14	Percent of Patients With No Dislocation Recurrence at Two Years of Follow-Up Who Experience at Least One Recurrence After Three Additional Years of Follow-Up VIII-52
CHAPTER IX: Neu	rology
Table IX-1	Evaluation Outline for Assessing Candidates at Increased Risk of Seizure IX-4
Table IX-2	Annual Probability of Seizure Recurrence After a Single Unprovoked Seizure
Table IX-3	Annual Risk of Seizure Recurrence in Newly Diagnosed Epileptic Patients on Medication IX-6
Table IX-4	Multivariate Model for Making Risk Assessments on Candidates Who are 2+ Years Seizure-Free IX-7
CHAPTER XI: <u>Visi</u>	on Guidelines
Table XI-1	Patrol Officer Importance Ratings of 17 Visual Skills XI-4
Table XI-2	Percentage Correct Identifications for "Shoot" and "No Shoot" Scenario XI-10

		<u>Page</u>
Table XI-3	Recognition of Faces and Facial Expressions as a Function of Visual Acuity	XI-13
Table XI-4	Critical Task Performance vs. Far Acuity as Determined by Decorrection Studies	XI-15
Table XI-5	Distribution of Uncorrected Vision in 200 LAPD Applicants	XI-16
Table XI-6	1987 LAPD Vision Questionnaire of Incumbent Police Officers	XI-18
Table XI-7	Number of Prescription Eyeglass Reimbursement Requests Submitted by CHP During 1979-80	XI-19
Table XI-8	Reported Instances of Negative Consequences Resulting from Use of Corrective Lenses by Officers	XI-21
Table XI-9	Reported Instances of Negative Consequences Resulting from Corrective Lenses as Observed by Other Officers	XI-20
Table XI-10	Reported Instances Where Corrective Lenses Provided Officers Protection	XI-24
Table XI-11	Reported Instances Where Other Officers' Corrective Lenses Provided Protection	XI-25
Table XI-12	Rates of Soft Contact Lenses "Drop-Out"	XI-31
Table XI-13	Peter's Relation of Error and Acuity	XI-41
Table XI-14	Breakdown of Critical Incidents Involving Color Identification	XI-47
Table XI-15	Percentage of Candidates Reporting Difficulty With Color When Driving	XI-48
Table XI-16	Nomenclature, Classification, and Prevalence in Males (Females) of Different Types of Human Color Vision	XI-49
Table XI-17	Examples of Some Commonly Prescribed Drugs Classified According to Color Deficiencies They Reportedly Induce	XI-50
Table XI-18	Clinically Distinguishable Differences Between Acquired and Hereditary Color Vision Defects	XI-50
Table XI-19	POST Color Simulation Test Results	XI-52

		<u>Page</u>
Table XI-20	Percentage of Individuals Reporting Difficulty With Everyday Tasks That Involve Color	XI-55
CHAPTER XII: <u>Hea</u>	ring Guidelines	
Table XII-1	Hearing Related Tasks	XII-3
Table XII-2	Summary of 1998 Subject Matter Expert Panel Ratings of Hearing Related Tasks	XII-4
Table XII-3	Distribution of Background Noise Levels for Patrol Duties	XII-5
Table XII-4	Expected Speech Comprehension at Various Background Noise Levels and Directionality for Persons with Normal Hearing	XII-6

## LIST OF FIGURES & FORMS

<u>PAGE</u>

MEDICAL EXAMINATION	ON AND EVALUATION PROTOCOLS	
CHAPTER III: <u>En</u>	docrinology	
Pre-Placeme	nt Agreement Forms	
Form III-1	Group I, Level 1: Diabetes Controlled with Diet and/or Medication, and A1C <7.0% and Historical Glycemic Levels >65 and <400 mg/dl	I-26
Form III-2	Group I, Level 2: Diabetes Controlled with Diet and/or Medication, and A1C >7.0% or Historical Glycemic Levels Occasionally >400 mg/dl III	l-27
Form III-3	Group I, Level 3: Diabetes Controlled with a Sulfonylurea, with A1C <7.0%, and Historical Glycemic Levels < 400 mg/dl	I-29
Form III-4	Group I, Level 4: Diabetes Controlled with a Sulfonylurea, with A1C >7.0%, or Historical Glycemic Levels > 400 mg/dl	i-31
Form III-5	Group 2: Diabetes Controlled with Insulin III	-33
CHAPTER IV: Ga	astrointestinal System	
Figure IV-1	Histologic Patterns of Liver Inflammation and Necrosis and their Prognostic Implications	V-7
CHAPTER VIII: M	<u>lusculoskeletal System</u>	
Figure VIII-1	Horizontal Displacement Greater than 3.5 mm of One Vertebra in Relation to an Adjacent Vertebra	I- 6
Figure VIII-2	Rotational Difference Between Adjacent Vertebra VIII	l- 7
Figure VIII-3	McMurray's Test VIII	I <b>-</b> 19
Figure VIII-4	The Q Angle Imposes a Lateral Vector on the Terminal Degrees of Extensor Movement VIII	J <b>-2</b> 3
Figure VIII-5	Measurement of Congruence Angle VIII	l-26
Figure VIII-6	Lateral Patellofemoral Angle VIII	1-26

Figure VIII-7	in Subluxers and ControlsVIII-2
Figure VIII-8	Extra-Articular Anterior Cruciate Ligament Reconstruction, Using the Arnold-Coker Iliotibial Band Technique
Figure VIII-9	Intra-Articular Reconstruction After Anterior Cruciate Ligament Injury
Figure VIII-10	The Lachman Test VIII-3
Figure VIII-11	Flexion-Rotation Drawer Test VIII-3
Figure VIII-12	KT-1000 Test VIII-3
Figure VIII-13	KT-1000 Measurements VIII-39
CHAPTER XI: <u>Visio</u>	on Guidelines
Figure XI-1	"Shoot-No-Shoot" Error Rates of Police Officers Tested at 20 Feet in Dim Light
Figure XI-2	Average Correct Responses for Object Detection and Weapon Identification as a Function of Visual Acuity
Figure XI-3	Sample Pre-Placement Agreement Involving Use of Soft Contact Lenses XI-32
Figure XI-4	Non-Compliance of LAPD Officers with Soft Contact Lenses Based on Time Since Hire XI-33
Figure XI-5	Reasons for Discontinuing Contact Lens Wear
Figure XI-6	Sample Soft Contact Lens Examination Form XI-4
Figures XI-7 - XI-13	Normal and Color Defective Response Patterns on the Farnsworth D-15 XI-5
CHAPTER XII: Hea	ring Guidelines
Figure XII-1:	Example of a High-Frequency Notch Audiometric Configuration XII-
Figure XII-2:	Example of a Relatively Flat Audiometric Configuration XII-10